DSC-P7

Cyber-shot®
Digital Still Camera

FEATURES

1/1.8" 3.2 MegaPixel Effective Super HAD™ CCD, 3.3 MP Gross

Super HAD (Hole Accumulation Diode) CCDs provide excellent image quality by allowing more light to pass to each pixel, increasing sensitivity and reducing noise.

Ultra Compact Design

Slim and sleek, the DSC-P7 is small enough to fit most any pocket or purse. Even so, its optimized proportions and well placed controls make it easy to use.

3X Optical/2X Digital/6X Total Zoom

3X Optical zoom helps you frame your shots for better digital pictures. And Sony's Precision Digital zoom provides an additional 2X magnification without the jagged edges of other designs, resulting in smoother images.

3 Area Multi-Point Auto Focus

By evaluating 3 separate focus areas of the frame, Sony's Multi-point AF system can intelligently focus on the subject and avoid focusing on the background.

AF (Auto Focus) Illuminator

Briefly illuminating the subject in low- or no-light conditions, AF Illuminator helps establish a positive focus lock.

Multi-Pattern Measuring

Independently light-metering 49 points of the frame, Multi-Pattern measuring establishes the optimum exposure value, even in scenes where highlight and shadow are not centered in the frame.

Pre-Flash Metering

With a momentary pre-flash, the camera illuminates the subject and calculates exposure through the lens directly from the CCD. Adjustable flash level and red-eye reduction insure great flash shots.

Memory Stick® Media

Digital. Powerful. Transportable. Memory Stick media is compact, portable and rugged—connecting a variety of hardware and software applications.

Scene Selection Mode

With 3 Scene Modes, camera parameters can be matched to the shooting conditions. Twilight slows the shutter to as long as 2 seconds for available light, Twilight Portrait adds flash to illuminate foreground subjects, and Landscape optimizes distant focus.

Slow Shutter Noise Reduction

During long Twilight mode exposures, Slow Shutter NR captures the scene, and then the CCD noise pattern with a dark frame exposure. By subtracting the two, even long exposures can be clear.

14-Bit DXP A/D Conversion

Sony's 14-bit **D**igital E**X**tended **P**rocessor captures the range between highlight and shadow with up to 16384 values, for extended dynamic contrast and detail.

1.5" LCD Monitor

Monitors the scene for accurate framing. 123K pixel and anti-glare coating help provide excellent viewing and image playback clarity, even outdoors.

Auto Bright Monitoring

To help framing in low- or no-light situations, CCD gain is briefly increased to provide an extra bright display on the LCD viewfinder just before exposure.

True Zoom Optical Viewfinder

Provides accurate framing at eye level, great for added stability and following fast moving subjects.

3.2MP (2048 x 1536) Image Size

With its high resolution CCD, the DSC-P7 captures in 4 different image sizes, with selectable Fine or Standard JPEG compression.

Multi Burst Mode

Captures 16 320 x 240 frames as part of a single 1280 x 960 image which plays back sequentially in the camera. Selectable 1/7.5 or 1/15 or 1/30 second frame intervals provide convenient motion analysis.

MPEG Movie HQX Mode

Captures full frame playback, high frame rate (16 frames per second) audio/video clips with length limited only by the capacity of the media. MPEG Movie Video Mail and Presentation modes capture smaller sizes suitable for email.

Clip Motion Mode

Capture up to 10 images and convert them to an animated GIF with 2 frames per second playback. By varying the interval between shots you can create animations not possible with other motion capture modes.

Playback Zoom, Trim and Resize

During playback, magnify any portion of the image up to 5x and trim to the area of your interest. Then, save the new image as a new file in any of the image sizes available from the menu.

Rechargeable Infolithium® Battery

Provides reliable, long-lasting power for continuous shooting, and avoids the "memory effect" common to other batteries. AC-LS1 adapter/charger provides stable power for USB download.

STEP-UP FEATURE

DSC-P7

ADDITIONAL FEATURES

MPEG1 Cue, Review and Divide
5 Mode White Balance
3:2 Aspect Ratio mode
Video Output (PAL/NTSC Selectable)
4 Mode In-Camera Picture Effects
5 Step Manual Preset Focus

SPECIFICATIONS

Imager: 1/1.8" 3.2 MegaPixel Effective Super HAD™ CCD, 3.3 MP Gross
Recording Media: Memory Stick® Media
Zoom: 3X Optical/2X Digital/6X Total
Filter Diameter: N/A
Focal Length: 8 - 24mm
35mm Equivalent: 39 - 117mm
Aperture: f2.8 - 5.6
Focus: 3 Area Multi-Point AF, 5 Step Manual Preset
Minimum Focus Distance: 3.9" (10 cm) Macro Mode
Macro: Selectable
Shutter Speed: Auto, 1/30 – 1/2000 sec, Twilight 2 sec – 1/2000
Manual Exposure: ±2.0 EV, 1/3 EV Steps
Color LCD: 1.5" 123K Pixels Low Temperature Polysilicon TFT
Flash Modes: Auto/Forced On/Forced Off, Red-Eye Reduction On/Off
Flash Effective Range: 1.3 – 12.5 ft (0.4 – 3.8m)
White Balance: Auto, Daylight, Cloudy, Fluorescent, Incandescent
Picture Effects: Black & White, Solarize, Sepia, Negative Art
ISO: Auto, 100, 200, 400
Scene Modes: Twilight, Twilight Portrait, Landscape
Self Timer: Yes, 10 seconds
Video Output: Yes, NTSC/PAL Selectable
Still Image Modes: JPEG (Fine), JPEG (Standard), Email
MPEG Movie Modes:
MPEG HQX (320 x 240, 16 fps, Full Screen Playback)
MPEG EX Presentation (320 x 240, 8 fps)
MPEG EX Video Mail (160 x 112, 8 fps)
Clip Motion: Normal (160 x 120), Mobile (120 x 108)
Microphone/Speaker: Yes/Yes
USB Terminal: Yes
Supplied Software: Pixela® Image Mixer for Sony v1.0, USB Driver SPVD-008
OS Compatibility: Microsoft® Windows® 98/98SE/Me/2000 Professional/XP Home/Pro
Macintosh® OS 8.5.1/8.6/9.0/9.1/9.2
Supplied Accessories: NP-FC10 InfoLithium® Rechargeable Battery, AC-LS1 AC Adapter/In-Camera Charger, A/V and USB cables, Wrist Strap, MSA-16A 16MB Memory Stick® Media; Software CD-ROM
Dimensions: 4 1/2" x 2" x 1 7/16" (114 x 51.5 x 35.8mm)
Weight: 7.5 oz (206g) (with Battery, Memory Stick Media, Strap)

JPEG Still Image Mode

Fine/Standard

Memory Stick Media	8MB	16MB	32MB	64MB	128MB
2048 x 1536	5/9	10/18	20/36	40/74	82/148
1600 x 1200	8/15	16/30	32/60	64/120	133/246
1280 x 960	12/23	24/44	50/93	100/186	202/375
640 x 480	48/120	96/240	195/488	393/983	789/1973

MPEG MOVIE MODE

MAXIMUM STORAGE TIME

	HQX (320 x 240)	Presentation Mode (320 x 240)	Video Mail (160 x 112)
8MB	20 sec	1 min 20 sec	5 min 20 sec
16MB	40 sec	2 min 40 sec	10 min 40 sec
32MB	1 min 25 sec	5 min 40 sec	21 min 40 sec
64MB	2 min 50 sec	11 min 20 sec	45 min 00 sec
128MB	5 min 40 sec	22 min 40 sec	90 min 40 sec

OPTIONAL ACCESSORIES

LCS-CP2 Soft Carrying Case
LCM-PX Semi-Soft Carrying Case
NP-FC10 InfoLithium® Battery
ACC-CSP2 Starter Kit (LCS-CP2, NP-FC10, MSAC-A8)
BC-VC10 AC Dual Battery Quick Charger
MPK-P9 Marine Housing
MSA-16A, MSA-32A, MSA-64A, MSA-128A Memory Stick® Media
MSAC-HGA8 Memory Stick® Media Carrying Case
MSAC-PC2 Memory Stick® Media PC Card Adapter
MSAC-US1A Memory Stick® Media USB Adapter
MSAC-US5 Memory Stick® Media USB Adapter/Mouse
VCT-TK1 Miniature Tripod
VCT-R640 Tripod
HVL-FSL1 Slave Flash

SONY

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